

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the

invention entitled MODIFIED RIBOZYMES

_____ the specification of which
_____ is attached hereto.

x was filed on 23rd September 1991 as Application

Serial No. PCT/EP91/01811 and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

PCT/EP90/01731	PCT	12 OCTOBER 1990	x	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Richard J. Warburg, Esq.,
Registration No. 32,327.

Kindly recognize as associate attorney: Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; William E. Thomson, Jr., Reg. No. 20,719; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffen, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Henninger, Reg. No. 30,755; Jerrold B. Rilly, Reg. No. 32,293; and Suzanne L. Biggs, Reg. No. 30,158 of LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017, Telephone (619) 552-8400.

Address all telephone calls to RICHARD J. WARBURG, ESQ. at telephone no. (619) 552-8400

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Full name of sole or first inventor FRITZ ECKSTEIN

Inventor's signature _____ Date: _____

Residence Holundersteg 6, Gottingen W-3400, GERMANY

Citizenship GERMANY

Post Office Address Holundersteg 6, Gottingen W-3400, GERMANY

Abstract

Post Office Address Karolinenweg 15, Gottingen W-3400, GERMANY

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Citizenship GERMANY

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[illegible]

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Inventor's signature _____ Date: _____

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Citizenship GERMANY

Post Office Address Holundersteg 6, Gottingen W-3400, GERMANY

ADDITIONAL INVENTORS

Full name of inventor OLAF HEINDENREICH
Inventor's signature _____ Date: _____
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Citizenship GERMANY
Post Office Address Karolinenweg 15, Gottingen W-3400, GERMANY

Full name of inventor _____
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Citizenship _____
Post Office Address _____

4599660 2599660

ADDITIONAL INVENTORS

WOLFGANG PIEKEN

Full name of inventor _____
 Inventor's signature _____ Date: _____
 Residence 2860 Wilderness Place, Boulder, CO 80301, USA
 Citizenship GERMANY
 Post Office Address 2860 Wilderness Place, Boulder, CO 80301, USA

FRITZ BENSELER

Full name of inventor _____
 Inventor's signature _____ Date: _____
 Residence Neuendorfer Str. 14, D-37130 Gleichen/Etzborn, GERMANY
 Citizenship GERMANY
 Post Office Address Neuendorfer Str. 14, D-37130 Gleichen/Etzborn, GERMANY

DAVID B. OLSEN

Full name of inventor _____
 Inventor's signature _____ Date: _____
 Residence WP44-B122, West Point, PA 19486, USA
 Citizenship USA
 Post Office Address WP 44-B122, West Point, PA 19486, USA

DAVID M. WILLIAMS

Full name of inventor _____
 Inventor's signature David M. Williams Date: 28th July 1993
 Residence 82 Mill End Road, Cherry Hinton, Cambridge CB1 4JP, ENGLAND
 Citizenship BRITISH
 Post Office Address 82 Mill End Road, Cherry Hinton, Cambridge CB14JP, ENGLAND

ASSIGNMENT

WHEREAS the undersigned [hereinafter (collectively) "ASSIGNOR"] have invented certain new and useful improvements in

(Title of Application) Modified Ribozymes

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated.

WHEREAS
(Name and address
of Assignee)

Max-Planck-Gesellschaft zur Förderung der
Wissenschaften e.V.
Bunsenstraße 10
W-3400 Göttingen

a German corporation (hereinafter "ASSIGNEE") is
desirous of acquiring the entire right, title and interest in the
same:

Now, therefore, in consideration of the sum of one dollar
(\$1.00), the receipt whereof is hereby acknowledged, and other
good and valuable consideration, the said ASSIGNOR hereby sells,
assigns and transfers unto said ASSIGNEE, full and exclusive
right to the said invention in the United States and the entire
right, title and interest in and to any and all Letters Patent
which may be granted therefor.

Said ASSIGNOR hereby authorizes and requests the
Commissioner of Patents and Trademarks to issue said Letters
Patent to said ASSIGNEE, as the assignee of the entire right,
title, and interest in and to the same, for the sole use and for
the use of its successors, legal representatives, and assigns, to
the full end of the term for which said Letters Patent may be
granted, as fully and entirely as the same would have been held
by said ASSIGNOR had this assignment and sale not been made.

Witness, the hand and seal of the ASSIGNOR on the date(s)
indicated.

Date(s)

08.10.92

Signature(s)

F. Eckstein

F. Eckstein

Wolfgang Pieken

08.10.92

Fritz Benseler

Fritz Benseler

David B. Olsen

David M. Williams

08.10.92

O. Heidenreich

Olaf Heidenreich

00996667 0949
454360 45995880

Docket No. _____

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Inventor's signature Fritz Eckstein Date: 28.07.93

Residence Holundersteg 6, Gottingen W-3400, GERMANY

Citizenship GERMANY

Post Office Address Holundersteg 6, Gottingen W-3400, GERMANY

ADDITIONAL INVENTORS

Full name of inventor WOLFGANG PIEKEN

Inventor's signature *Wolfgang Pieken* Date: 7/27/93

Residence 2860 Wilderness Place, Boulder, CO 80301, USA

Citizenship GERMANY

Post Office Address 2860 Wilderness Place, Boulder, CO 80301, USA

Full name of inventor FRITZ BENSELER

Inventor's signature _____ Date: _____

Residence Neuendorfer Str. 14, D-37130 Gleichen/Etzborn, GERMANY

Citizenship GERMANY

Post Office Address Neuendorfer Str. 14, D-37130 Gleichen/Etzborn, GERMANY

Full name of inventor DAVID B. OLSEN

Inventor's signature _____ Date: _____

Residence WP44-B122, West Point, PA 19486, USA

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Full name of inventor DAVID M. WILLIAMS

Inventor's signature _____ Date: _____

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Citizenship BRITISH

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FRITZ BENSELER

Full name of inventor _____

Inventor's signature Fritz Bensele Date: 29.7.93

Residence Neuendorfer Str. 14, D-37130 Gleichen/Etzborn, GERMANY

Citizenship GERMANY

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Inventor's signature David B Olsen Date: 7/27/93

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ADDITIONAL INVENTORS

Full name of inventor OLAF HEINDENREICH 28.7.93 O. i.e.
Inventor's signature *Olaf Heindenreich* Date: 28.7.93
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Full name of inventor _____
Inventor's signature _____ Date: _____
Residence _____
Citizenship _____
Post Office Address _____

Full name of inventor _____
Inventor's signature _____ Date: _____
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